

What is claimed is:

1. A throttle device comprising:

a throttle body defining an intake air path;

a valve member being rotatable for adjusting an amount of intake airflow flowing in the intake air path;

a motor, the motor comprising:

a brush; and

a commutator, wherein the commutator is in slidable contact with the brush, wherein the motor generates torque to drive the valve member;

driving force transmission means having a plurality of gears, the driving force transmission means transmitting the torque generated in the motor to the valve member; and

shielding means provided on a driving force transmission means side of a slidable contact portion, in which the brush and the commutator are in slidable contact with each other, for shielding the slidable contact portion.

2. The throttle device according to claim 1, wherein the shielding means is provided in the motor.

3. The throttle device according to claim 2, wherein the shielding means is provided in a brush holder for holding the brush, and the shielding means has a first shielding portion for shielding the slidable contact portion at the outside of the motor.

4. The throttle device according to claim 2, wherein the shielding means is provided in a brush holder for holding the brush, and the shielding means has a second shielding portion for shielding the slidable contact portion at the inside of the motor.

5. The throttle device according to claim 2, wherein the shielding means has a tape member stuck on the motor, for covering a brush holder for holding the brush.

6. The throttle device according to claim 1, wherein the shielding means is provided in a transmission means housing chamber for housing the driving force transmission means.

7. The throttle device according to claim 6, wherein the shielding means has a third shielding portion disposed between an engagement portion of the gears of the driving force transmission means and the motor.

8. The throttle device according to claim 1, wherein the motor is disposed at a lower side of at least one of the plurality of gears.